SARWAICH AHMED

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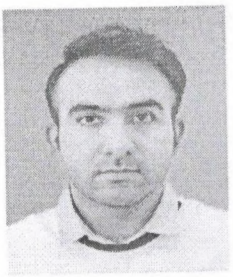

OBJECTIVE

Seeking a suitable position in an esteemed and reputable organization under the assistance of a highly competitive team, where I can utilize maximum potential and develop abilities for the achievement of personnel and organizational objectives.

EXPERIENCE

Dec 2019-Jan 2020

Internship

Epoch International Enterprises Dalian, China

As an Environmental, Health and Safety Intern at EPOCH International enterprises, I worked closely with department managers and got trained on many aspects of department. The focus of this internship was to find gape analysis of OSHAS 45001 and OSHAS 18001 in company.

- Determined gape analysis of OSHAS 45001 and OSHAS 18001
- Assessed the extent of EHS compliance across facilities
- Drafted and presented final project summary to the management
- Participated in area and individual noise sampling
- Conducted Job Safety Analysis
- Created Safety Tips
- Reviewed specified EHS related documents and policies

Aug 2013 - Aug 2017

HSE Instructor

AGT Institute of Technical & Professional Education, Rawalpindi Pakistan

I delivered lectures to the experienced professionals and inexperienced students on following areas of HSE and facilitated them obtaining International certifications. It included:

- ISO 14001:2004, OHSAS 18001:2007
- Hazard Identification and Risk Assessment
- Introducing students to permit to work systems: confined space work permit, excavation permit, electrical work permit, cold and hot work permit, instrumentation work permit.
- Dealing fundamental hazardous materials
- Imparting know-how about compressed air and gas cylinder safety
- Inducing H_2S Safety guidelines and Oil and Gas Exploration safety
- Enriching with the knowledge of Crane Safety, Electrical and Chemical safety
- Safety of construction projects
- Inculcating and promoting a positive HSE culture in organizations
- Building the base of Fire Safety, Fire Risk Assessment, causes and consequences of fire, Fire detection, fire warning, firefighting equipment
- Elaboration of Emergency Evacuation Procedure
- Training of students on CPR and First Aid in an Emergency situation
- Imparting knowledge of Safety of Accident & Incident: Investigations and analysis and development of measures to prevent the reoccurrence
- Explaining to students over JSA and JHA at project sites

n 2013-Jan 2014 **Trainee Engineer HSE**

Descon Engineering Limited Jhimpir, Pakistan

orked with the Trainee Engineer to implement and monitor the health, safety & environmental management systems.

- Performed onsite/offshore audits to ensure conformance to the varying safety and security standards.
- Assisted with developing HSE Plans that comply with Company policies and procedures as well as local client requirements
- Involved in organizing and conducting HSE-related activities, trainings and preventive programs to create awareness among employees
- worked in Administration and record keeping on area specific HSE audits, reports, certifications and permits.
- Supported in planning, coordinating and implementation of site safety, occupational health, environment, fire prevention, emergency response and security management issues

Internships

July 2012 **Environment Protection Agency Hyderabad, Pakistan**

March 2012 **Habib Sugar Mills Nawabshah, Pakistan**

July 2011 **Fuel Research Centre, Pakistan Council for Science &Industrial Research, Karachi, Pakistan**

EDUCATION

2017– 2019 **M.S (Environmental Engineering)**

(Tianjin University Tianjin, China)

- 86.47% out of 100% (1st Division)

2009-2012 **B.E (Energy &Environmental Engineering)**

(Quaid-e-Awam University of Engineering, Science & Technology Nawabshah, Pakistan)

- 77.7% out of 100% (1st Division)

2006-2008 **Intermediate (Pre-Engineering)**

(Board of Intermediate & Secondary Education, Larkana)

- 70% out of 100% (1st Division)

2004-2006 **Matriculation (General Science)**

(Board of Intermediate & Secondary Education, Larkana)

- 72% out of 100% (1st Division)

SKILLS

Teaching, OHSAS 18001:2007, ISO 14001:2004, IOSH Managing Safely OSHA 30 HR General, HABC Level-II Fire CPR, Endnote, Origen Computer Program, Operating GC-MS, Operating GS System, Operating TGA Analysis device, Operating Tube Furnace Reactor, Operating Fixed Bed Reactor, Analysis of XRD, Analysis of XRF, Operating Muffle Furnace, Lab Scale Microwave Oven, First Aid Permit to Work, MS Word (2016), MS Excel (2016) and MS PowerPoint (2016).

PROFESSIONAL CERTIFICATIONS / SEMINARS

Date	Description
April 2020	I. The safety data sheet awareness certification by the safer chemical initiative II. The COSH Manager certification by international association for chemical safety III. ePROTECT Occupational Health and safety by WHO
September 2017	OSHA 18001: 2007 Lead auditor, certificate no: SA51283 Proftech Leading institute, CQI & IRCA
August 2017	HABC Level 2 international award in emergency first aid at work High Field awarding body of compliance

June 2016	One day CPD course on Water resources management in Pakistan Organized by Pakistan Engineering Council, Islamabad.
October 2015	OSHA 30 HR General Industry, USA Certified IBOEHS, USA
November 2014	HABC Level-2 Fire Safety UK Certified High Field Awarding body compliance UK
October 2014	IOSH Managing Safely, UK Institute of Occupational Safety & Health, UK
October 2014	OSHA 30 HR Construction Industry Local Safety First International
June 2013	Safety (HSE) Officer Course AGT Institute, Sadar, Rawalpindi
March 2013	Industrial Safety officer course AGT Institute, Sadar, Rawalpindi
August 2012	One day Certificate on "Hazards Identification and Risk Assessment" and NVQ Occupational Safety and Health Qualifications, IOSH Membership" organized by Shields Vocational Training at Quaid-e-Awam University, Nawabshah
February 2012	Solar Energy three months course, International academy, Islamabad

RESEARCH PROJECTS

M.S Thesis

- Valorization of Chinese herb medicine residue by the integrated process of microwave torrefaction and pyrolysis

B. E Thesis

- Water Quality Assessment of keenjhar lake district Thatta, Pakistan

Academic Project

- Wind Turbine Model for demonstration purpose

SCHOLARSHIPS & AWARDS

- Fully Funded China Scholarship Council (CSC) for Postgraduation by Chinese Government (Sept 2017 – Dec 2020)

PUBLICATIONS

CHINESE PATENT

- Nickel-based cerium dioxide coated with silicon carbide catalyst, preparation method and application. (Patent No: **201910985978.0**)

PROFSSIONAL AFFILATIONS

Registered Engineer, Pakistan Engineering Council **(Enviro/261)**

REFERENCE

Will be furnished on demand.